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Patent Application  
Serial No. 09/512,935

said cutter units being positioned such that said shafts are disposed substantially in parallel to each other, and such that disks of said first cutter unit are fitted in the gaps between adjacent disks of said second cutter unit,

said bone mill further comprising a drive force transmission mechanism for mutually inwardly rotating said shaft of said first cutter unit and said shaft of said second cutter unit such that a bone to be crushed is taken in between said blades formed on said disks of said first cutter unit and said blades formed on said disks of said second cutter unit,

31 at least one of said disks of each of said first and second cutter units having both at least one biting blade adapted to pull pieces of the bone to be crushed into the space between the first and second cutter units, and at least one crushing blade adapted to crush said bone pieces, wherein at least one of said first and second cutter units includes both a relatively large diameter disk having both at least one biting blade adapted to pull pieces of the bone to be crushed into the space between the first and second cutter units, and at least one crushing blade adapted to crush said bone pieces, and a relatively small diameter disk having at least one crushing blade but no biting blade.